

FIG. 1

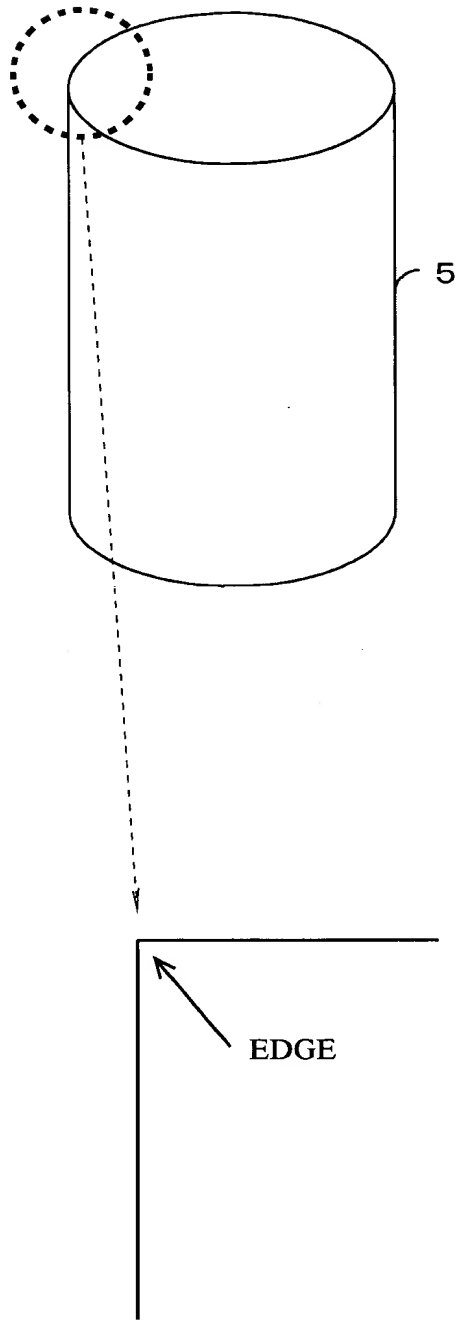


FIG. 2

00003452-031201
FOOTED-STEED0000

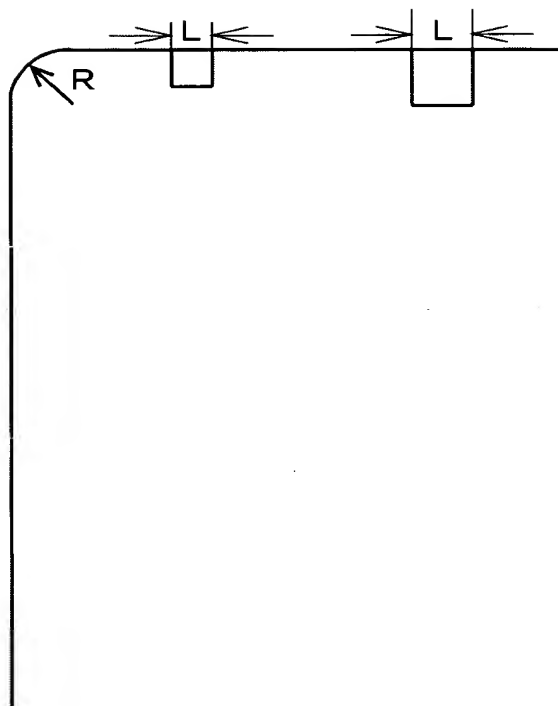


FIG. 3

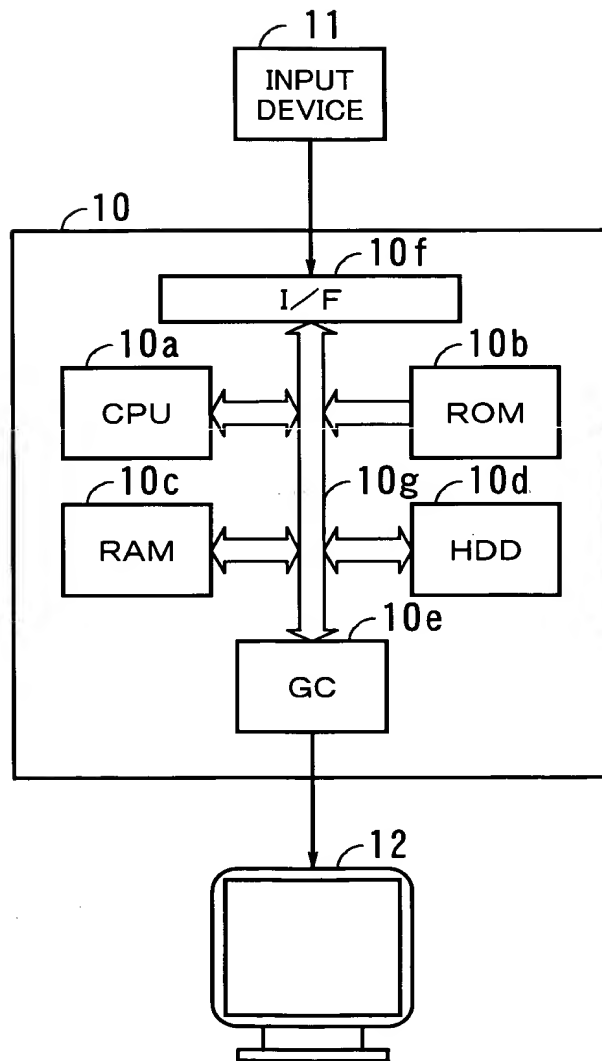


FIG. 4

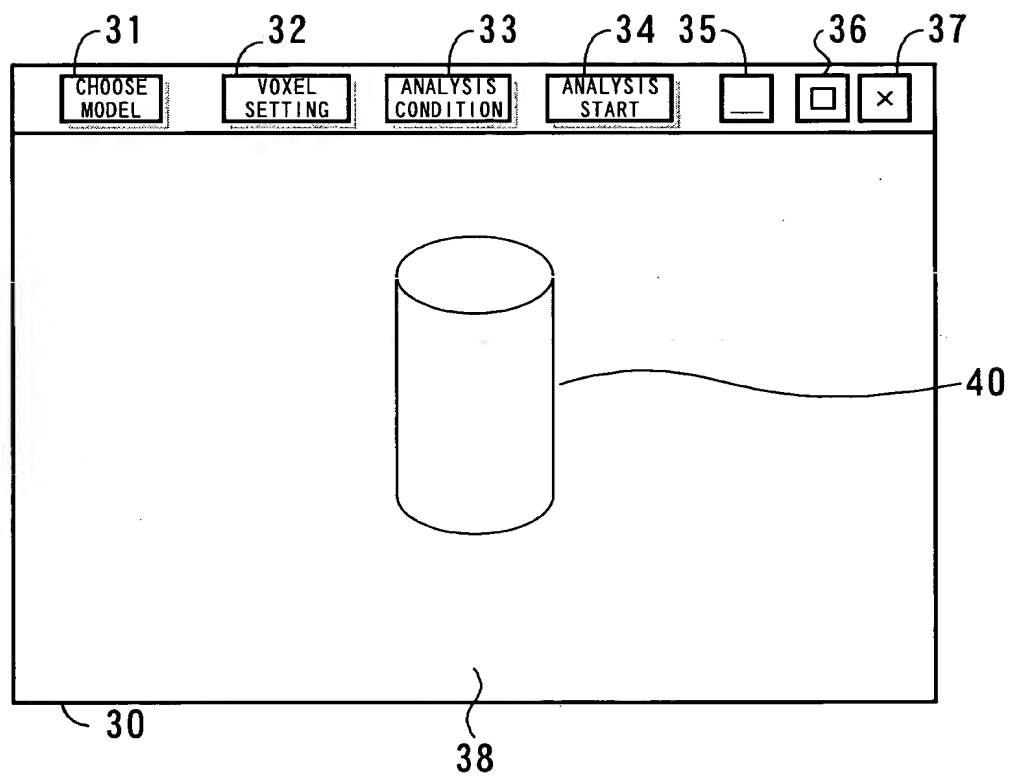


FIG. 5

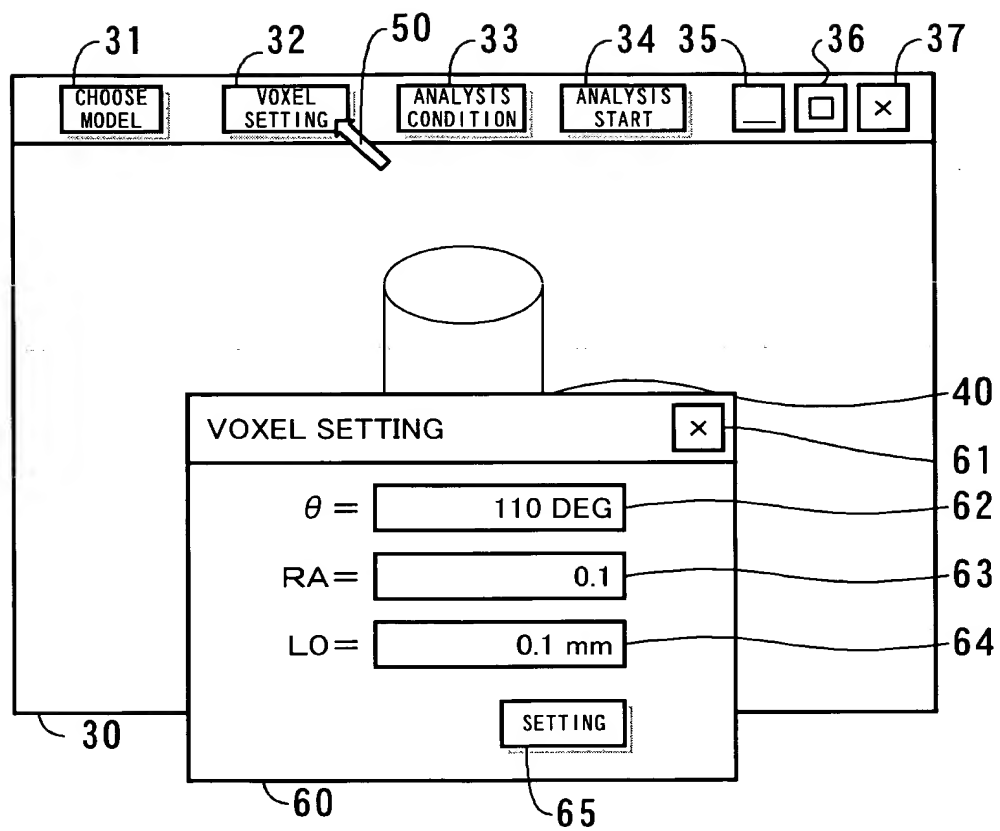


FIG. 6

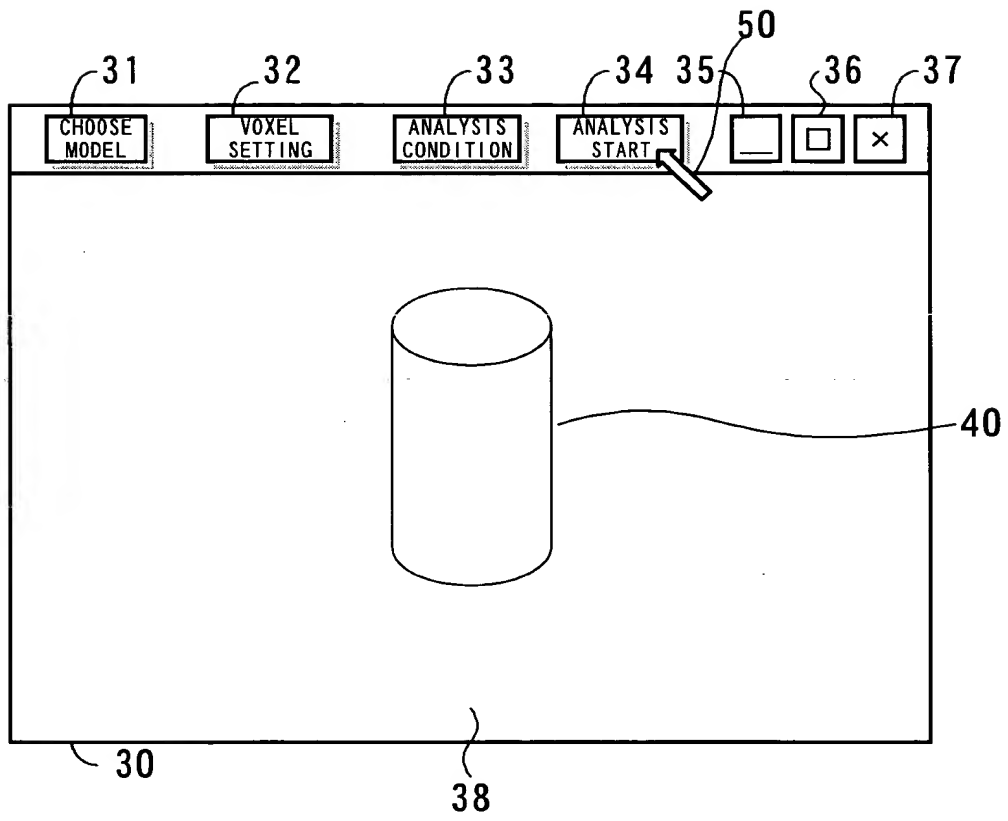


FIG. 7

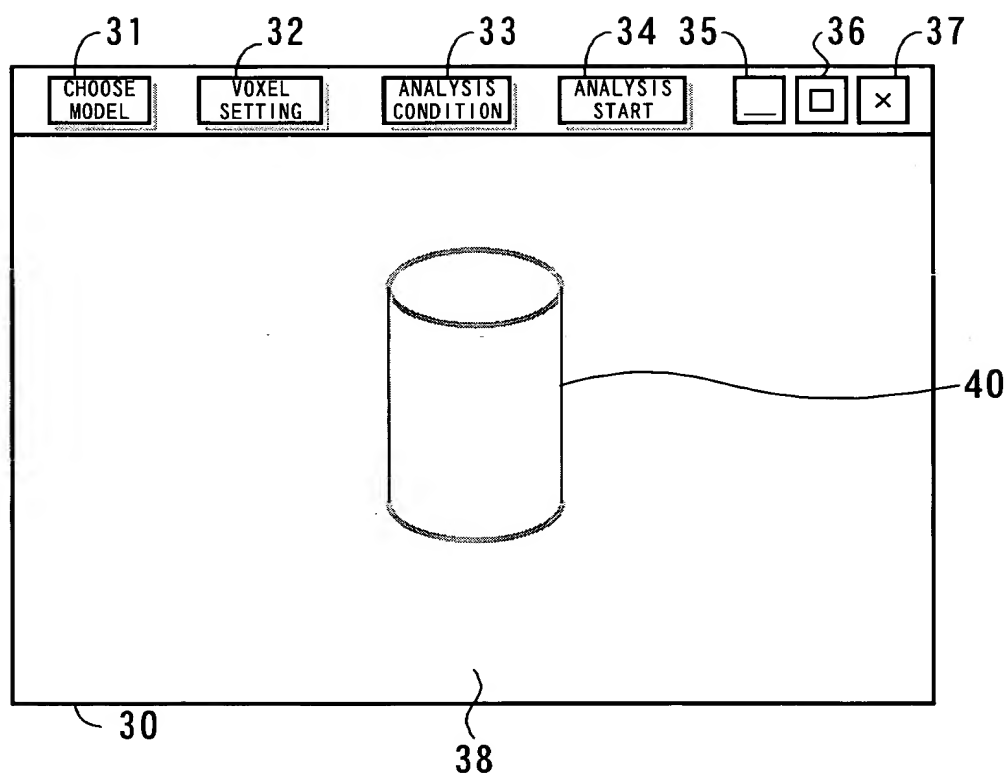


FIG. 8

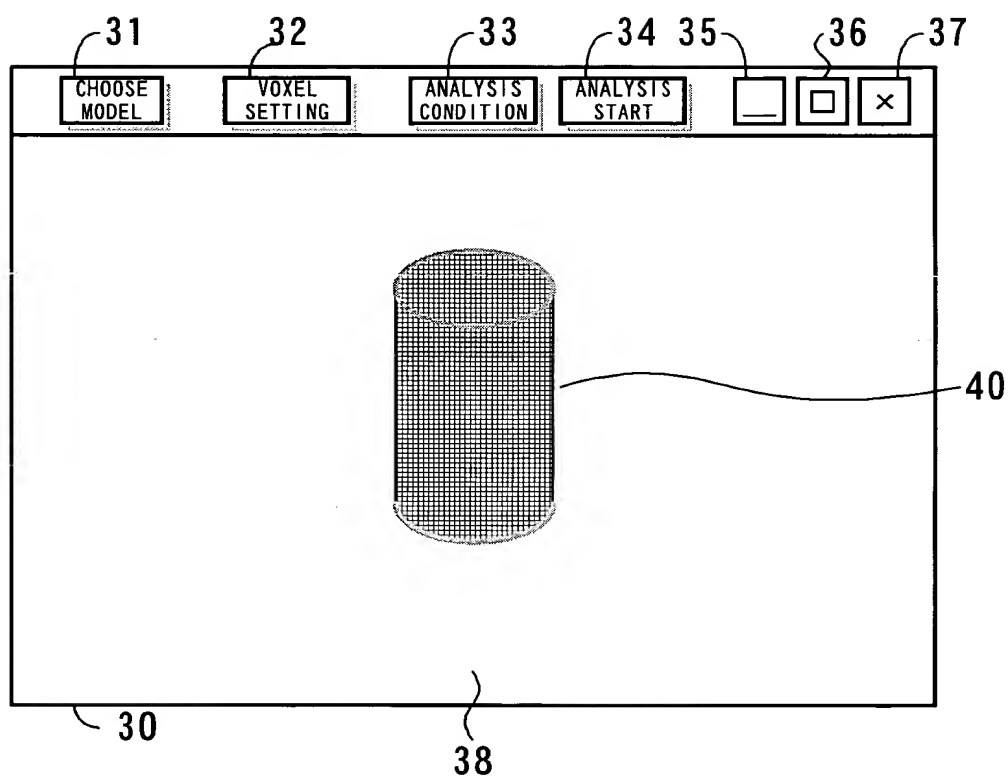


FIG. 9

A graph showing the relationship between the Major Principal Stress (σ) and the Number of Divisions (n). The vertical axis is labeled σ and the horizontal axis is labeled n . A solid curve starts at a low stress value for a small number of divisions and increases, approaching a horizontal dashed line labeled "CALCULATED VALUE". The vertical axis is also labeled "MAJOR PRINCIPAL STRESS" and "THEORETICAL VALUE BASED ON STRUCTURAL MECHANICS".

PRIOR ART
FIG. 10

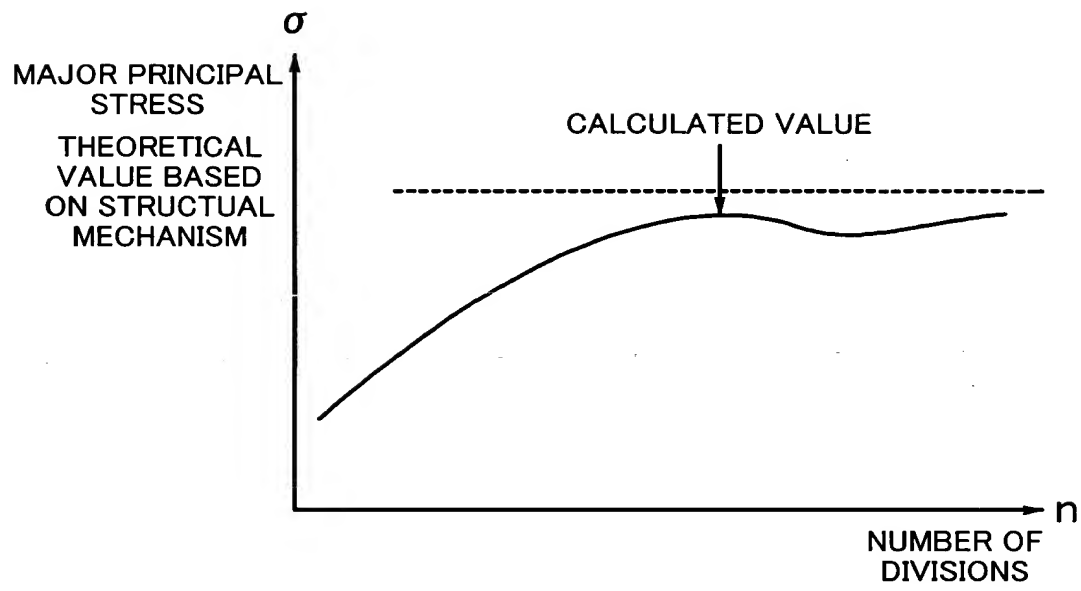


FIG. 11

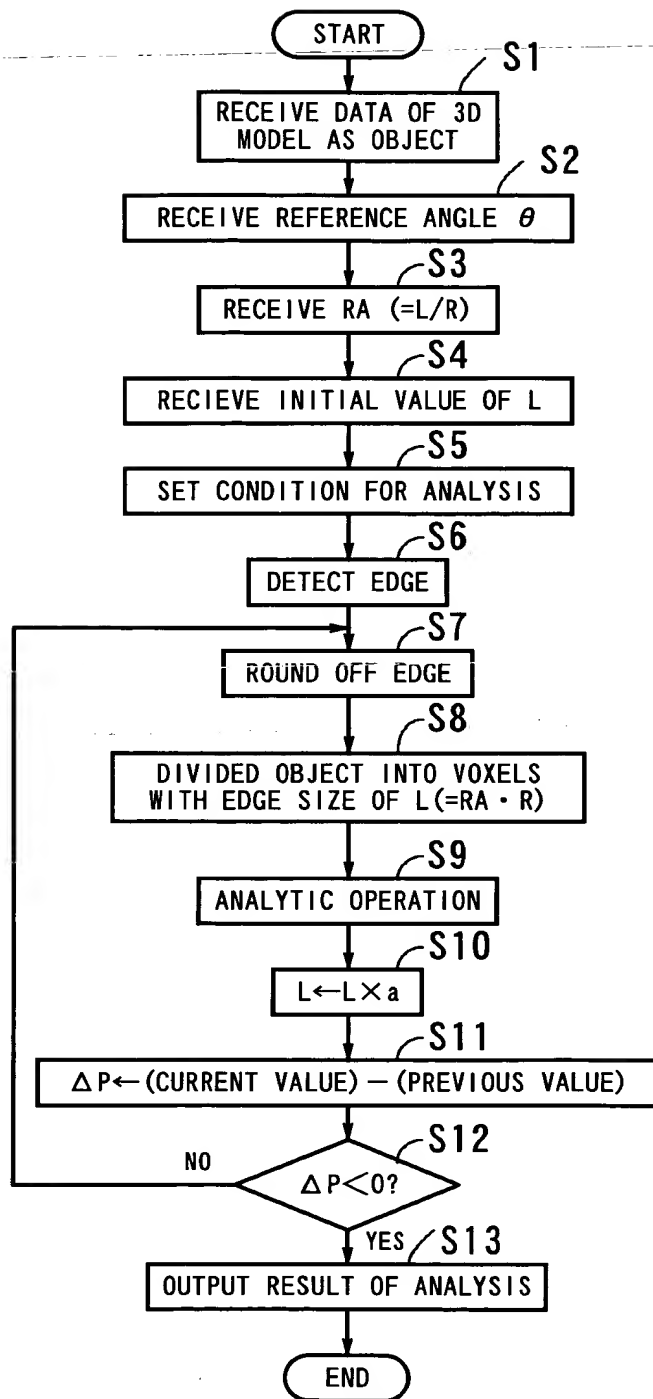


FIG. 12